Earthdata UTC Meeting 9.02.2014

1. Attendance

Please make a comment at the bottom of this agenda to record your attendance.

2. EMS Status

3. URS

- **URS Integration Information on SSO and the API's can be found under**: EOSDIS User Registration System
    - Java SSO and API servlet based examples now available.
- **DAAC On-boarding Status and Integration Schedule can be found under**: Component Integration Status
- **URS4 Development**

    Upcoming URS4 Features (Sprint 2.28, release 4.12)

    - Customization of Authorization page with DAAC specific logo and additional text.
    - CORS support for javascript

     Recently Delivered URS4 Features (Currently available in Production):

    - Ability to test for the presence of an email address in URS
    - Application level control over redirection page
    - SSO support for cURL and wget users
    - Capability for client applications to query URS and obtain profiles of those users who had previously authorized them to access their profiles.
    - Capability for an application to always require user log-in (e.g. for ASTER DAR tool).
    - Apache-based URS-4 Plug-in Authentication module

If you have problem seeing the links above, please contact Peter Smith

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Request for Feedback: URS Field Deprecation Impacts
- Looking at potential impacts for deprecating "Address" and "User Type" fields from URS
- Please review ordering systems and other integration points for dependencies on these fields

4. Earthdata

- Reminder: Please file all issues with SSO and Atlassian tools through the support system, https://support.earthdata.nasa.gov/ or support@earthdata.nasa.gov

5. GIBS

- **New/Planned Products**
    - Blue Marble - Generic, w/ Topography, w/ Topography & Bathymetry
        - In GIBS production last week in Geographic, North & South Polar, and Web Mercator Projections.
    - AMSR Cryosphere - AESI[6|12|25] Sea Ice & Snow Coverage Products

- In GIBS production this week.
  - ASTER GDEM - 30m Global DEM Grayscale Shaded Relief, Colored Shaded Relief, Colored Index, Floating TIFF
    - Actively testing imagery generation & ingest.
  - MEaSUREs Wetlands
    - Actively testing imagery generation & ingest.
  - GPM - Precipitation (Rain & Snow) and Brightness Temperatures
    - Processed sample imagery. Discussing formal delivery in September.
  - MODIS Collection 6 - Atmosphere Reprocessing
    - Actively testing imagery generation & ingest.
- **GIBS Technical Working Group**
  - Granule Draft Requirements
  - Next Meeting : Thursday September 4th, 3pm - 4pm ET. 844-467-6272 x466289#
- **GIBS New Production Release**
  - Late September UAT planned
- **August Metrics**
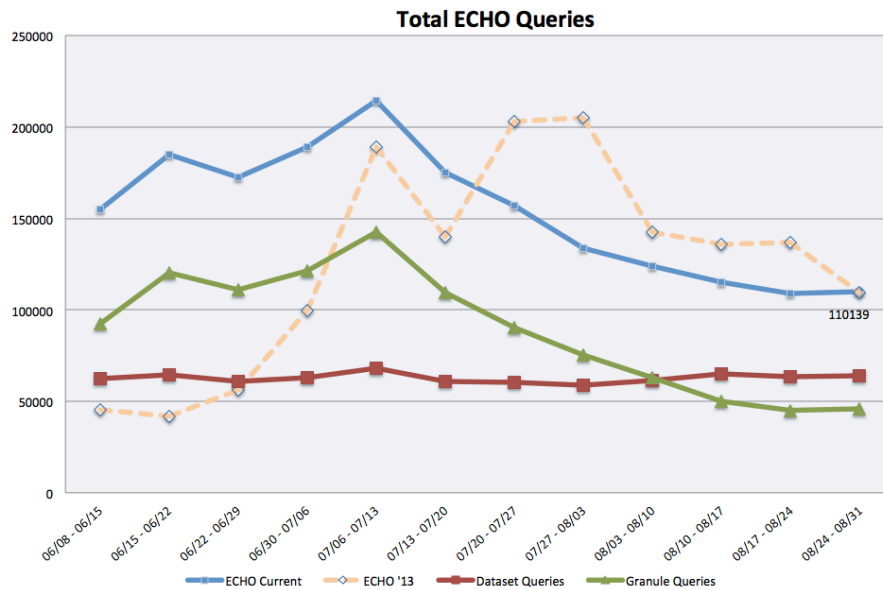 - Tile Requests - 49 million
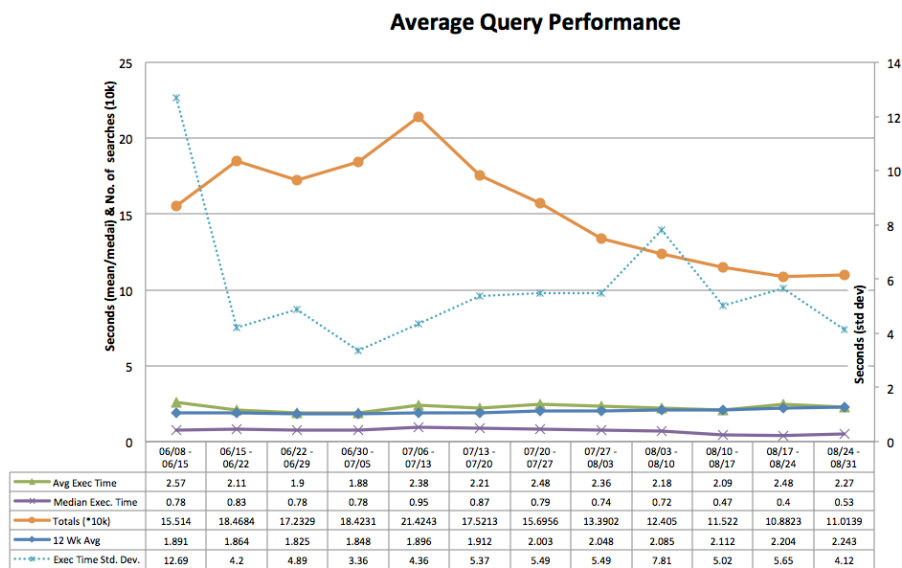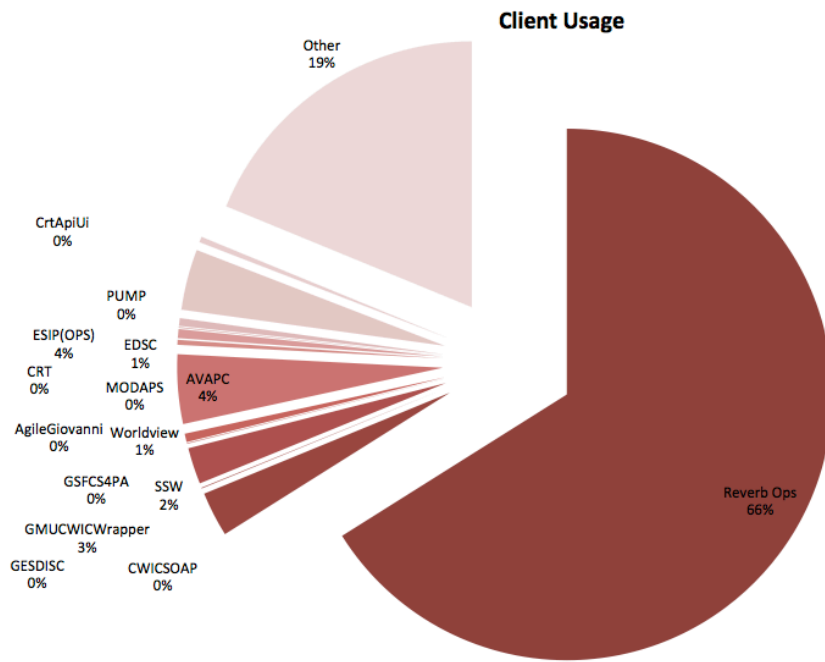 - Unique Visitors - 88,835

6. ECHO

ECHO System Status

System Issues

None.

Recent Metrics

 Click here to expand...

Total ECHO Queries

Legend: ECHO Current, ECHO '13, Dataset Queries, Granule Queries

Client Usage

- Other 19%
- CrtApiUi 0%
- PUMP 0%
- ESIP(OPS) 4%
- EDSC 1%
- CRT 0%
- MODAPS 0%
- AVAPC 4%
- AgileGiovanni 0%
- Worldview 1%
- GSFCS4PA 0%
- SSW 2%
- GMUCWICWrapper 3%
- GESDISC 0%
- CWICSOAP 0%
- Reverb Ops 66%

Average Query Performance

	06/08 - 06/15	06/15 - 06/22	06/22 - 06/29	06/30 - 07/05	07/06 - 07/13	07/13 - 07/20	07/20 - 07/27	07/27 - 08/03	08/03 - 08/10	08/10 - 08/17	08/17 - 08/24	08/24 - 08/31
Avg Exec Time	2.57	2.11	1.9	1.88	2.38	2.21	2.48	2.36	2.18	2.09	2.48	2.27
Median Exec. Time	0.78	0.83	0.78	0.78	0.95	0.87	0.79	0.74	0.72	0.47	0.4	0.53
Totals (*10k)	15.514	18.4684	17.2329	18.4231	21.4243	17.5213	15.6956	13.3902	12.405	11.522	10.8823	11.0139
12 Wk Avg	1.891	1.864	1.825	1.848	1.896	1.912	2.003	2.048	2.085	2.112	2.204	2.243
Exec Time Std. Dev.	12.69	4.2	4.89	3.36	4.36	5.37	5.49	5.49	7.81	5.02	5.65	4.12

ECHO Release Status

In Operations: 10.81

3 week sprint, ended 7/11, pushed to operations 8/20

Number	Product	Summary	Status
11013378	Reverb	ECHO:Reverb: New AST_L1A order options line should be added as last option	Needs Customer Verification

11013621	Reverb	OPS:Reverb: Additional Attributes Search does not appear to work as expected	Closed
11014315	ECHO	Add ISO ingest support for GRACE Metadata from PO.DAAC	Needs Customer Verification
11014337	Catalog REST	Ensure that GRACE ISO can be translated to ECHO10 and then MENDS ISO	Needs Customer Verification
~~11014568~~	~~Reverb~~	~~ECHO: Several ASTER order submitted in "validated" status because user did not click on the submit order button~~	~~Open in 10.83~~
11014581	Catalog REST	Add Support for DIF parent collections for granules	Closed
11014584	Ingest	Remove ability to ingest browse imagery to be hosted by ECHO	Closed
11014606	ECHO	Update ECHO10 to ISO Translation	Closed
11014619	ECHO	Add MetadataStandardName and MetadataStandardVersion elements to ECHO10 schema	Closed
11014636	ECHO	SMAP VersionID needs to be extracted from new location in ISO metadata files	Closed
11014641	Reverb	Invalid Search Term Causes Invalid Output on IE9	Closed
11014642	Catalog REST	catalog-rest /granules/timeline route should accept POSTs similar /granules and /datasets	Needs Customer Verification
11014644	Reverb	IE 9 2D Coordinate Spatial Search issues	Closed
11014649	Reverb	Loading datasets spinner remains active once loading complete for IE9	Closed
11014650	Reverb	Reverb Science Keyword selection not loading for IE 9	Closed
11014663	Reverb	Reverb does not properly handle ESI request status of 'complete_with_errors'	Closed
11014672	Reverb	Sign in link in reverb order page needs to be updated to point to URS sign in page.	Closed

11014689	Reverb	Error on Reverb order page when user has 'OTHER' as their affiliation	Closed
11014695	Reverb	ESI status display in reverb should show messages regardless of status	Closed
11014699	Reverb	ASTER order workflow breaks for non AST_L1A granules	Closed
11014700	Backported to 10.79	Intermittent race condition with new URS users in reverb	Closed
11014702	Backported from 10.82	Granule additional info does not load	Closed
11014703	Backported to 10.79	Incorrect token length in AccessControlService GetAclsByType SOAP API	Needs Customer Verification **(GSFCS4 PA)**
11014731	Backported from 10.83	Additional order options button is displaying for datasets which don't allow it	Closed

∨ In Test: 10.82 (partner test)

3 week sprint, ended 8/1, pushed to partner test 8/27, operations verification underway

Number	Product	Summary	Status
~~11014503~~	~~REST API~~	~~Add availability endpoint for echo-rest and catalog-rest~~	~~Fixed~~
11014510	Catalog REST	Catalog REST json format should return enough information to render spatial for orbit granules	Fixed
11014654	Reverb	Poor performance for really complex ECHO forms	Fixed
11014655	Reverb	Add a tree control to ECHO forms	Fixed
11014666	Reverb	In IE9, Reverb not showing Subsetting Options when ordering a granule	Fixed
11014674	Reverb	"Show Additional Information" shows nothing in Reverb Dataset "Info" box for DIF datasets.	Fixed
11014702	Backported to 10.81	Granule additional info does not load	Closed
11014707	ECHO Kernel	ECHO kernel should check local user db table when running in torquebox locally	Closed
11014708	Catalog REST	ECHO does not handle underscores in URS application IDs correctly	Closed

5 week sprint, ending 9/5 (extended)

Number	Product	Summary	Status
11011935	Reverb	Reverb is messing up a little on the annual searches	Open, not assigned
11012024	Reverb	Ordering button should be disabled if no items are orderable	Fixed, not assigned
11014503	REST API	Add availability endpoint for echo-rest and catalog-rest	Fixed, not assigned
11014532	Reverb	ECHO/Reverb 10.75.7. Datasets found but not displayed in Partner Test Reverb.	Open, not assigned
11014568	Reverb	ECHO: Several ASTER order submitted in "validated" status because user did not click on the submit order button	Open, assigned to Sun, Bo
11014575	Reverb	Remove the Order ID: lookup from the Order Status Page.	Open, assigned to Cuadrado, Catalino
11014598	Reverb	Reverb 'Perform Service' inefficient for large number of granules	Fixed, not assigned
11014650	Reverb	Reverb Science Keyword selection not loading for IE 9	Closed (Operations Verified)
11014673	Reverb	Reveb 10.79. Reveb is incorrectly rendering Archive Center for ISO products	Fixed, not assigned
11014688	Documentation	Update catalog-rest granule search documentation to include ".kml" as a format.	Fixed, not assigned
11014713	Reverb	AMSR/ADEOS-II showing downloadable in shopping cart	Open, not assigned
11014717	ECHO	UMM-C: Add Product Flag Element to ECHO10 schema	Fixed, not assigned
11014719	Reverb	Reverb 10.79.13. Reverb sessions logging out too frequently	Fixed, assigned to Sun, Bo
11014724	ECHO	Catalog-Rest returns REST_CONFLICT error on ingesting SMAP ISO data	Fixed, not assigned
11014728	Reverb	Intermittent rendering issue in ECHO form tree control	Fixed, not assigned

11014731	Backported to 10.81	Additional order options button is displaying for datasets which dont allow it	Closed (Operations Verified)
11014739	Catalog REST	Catalog REST should allow disabling Ingest of new data.	Fixed, not assigned
11014740	ECHO	Tree widget doesn't include data layer when branch is collapsed	Fixed, not assigned
11014763	Catalog REST	10.83 TB: Reverb fails on any dataset search that belongs to a provider who's name contains an underscore	Fixed, not assigned

ECHO Discussion Topics/Reminders

Notice: CMR to Partner Test

September 17 - ECHO will transition to using CMR as its search backend. No usage disruptions anticipated. This is intended to inform only and requires no action on your behalf.

These changes should not impact you at this time! They are merely part of the CMR preparation efforts.

Reminder: ECHO Development Priorities

Focusing on CMR features and enhancements while maintaining ECHO, Reverb development continues as previous, relying on DAAC priority lists

ECHO Upcoming Events

Planned Maintenance

- 09/03 Misc. OS patching (EIAT outage in OPS and PT)

- 09/10 10.82 to Operations

7. Open Floor

Release Calendar

Team Calendars